

AMENDMENTS TO THE CLAIMS:

Please cancel claims 25-40 without prejudice.

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Original) An anti-reflection film, which is formed by laminating a high-refractive-index layer, having a refractive index of 1.65 to 2.40, and a low-refractive-index layer, having a refractive index of 1.30 to 1.55, wherein the high-refractive-index layer comprises 5 to 65% by volume of inorganic fine particles having an average particle size of 1 to 200 nm and having a core/shell structure, and 35 to 95% by volume of a polymer composed of an organic compound.

2. (Original) The anti-reflection film as claimed in claim 1, wherein, in the inorganic fine particles having the core/shell structure, the main component of the core is titanium dioxide, the main component of the shell is an inorganic compound other than titanium dioxide, and the amount of the shell is 2 to 50% by weight to the core.

3. (Original) The anti-reflection film as claimed in claim 1, wherein the main component of the inorganic compound which constitutes the shell is at least one selected from the group of alumina, silica, and zirconia.

4. (Original) The anti-reflection film as claimed in claim 1, wherein the main component of the inorganic compound which constitutes the shell is alumina.

5. (Original) The anti-reflection film as claimed in claims 1, wherein the polymer composed of an organic compound in the high-refractive-index layer is a crosslinked polymer having an anionic group.

6. (Original) The anti-reflection film as claimed in claim 5, wherein the polymer having an anionic group in the high-refractive-index layer is a polymer having a phosphoric acid group or a sulfonic acid group, as the anionic group.

7. (Original) The anti-reflection film as claimed in claim 5, wherein the polymer having an anionic group in the high-refractive-index layer further has an amino group or an ammonium group.

8. (Original) The anti-reflection film as claimed in claim 5, wherein the high-refractive-index layer is a layer formed by coating, and said polymer having the anionic group is a polymer formed by crosslinking reaction or polymerization reaction, simultaneously with or after coating the layer.

9. (Original) The anti-reflection film as claimed in claim 1, wherein the low-refractive-index layer comprises 50 to 95% by weight of the inorganic fine particles having an average particle size of 0.5 to 200 nm and 5 to 50% by weight of a polymer, and wherein voids are formed among the inorganic fine particles in the layer.

10. (Original) The anti-reflection film as claimed in claim 1, wherein the low-refractive-index layer, having a refractive index of 1.30 to 1.55, comprises from 50 to 95% by weight of short fibrous inorganic fine particles, and from 5 to 50% by weight of a polymer, and wherein there are micro voids formed among the short fibrous inorganic fine particles.

11. (Original) An anti-reflection film containing a low-refractive-index layer, having a refractive index of 1.30 to 1.55, which comprises from 50 to 95% by weight of short fibrous inorganic fine particles, and from 5 to 50% by weight of a polymer, wherein there are micro voids formed among the short fibrous inorganic fine particles.

12. (Original) The anti-reflection film as claimed in claim 11, wherein the short fibrous inorganic fine particles comprises silica, and the low-refractive-index layer has a void ratio of 1 to 50% by volume.

13. (Original) The anti-reflection film as claimed in claim 11, wherein the short fibrous inorganic fine particles are substantially crosslinked.

14. (Original) The anti-reflection film as claimed in claim 11, which comprises a high-refractive-index layer comprising from 5 to 65% by volume of inorganic fine particles that have an average particle size of 1 to 200 nm, and from 35 to 95% by volume of a crosslinked polymer having an anionic group.

15. (Original) The anti-reflection film as claimed in claim 14, wherein the polymer having an anionic group in the high-refractive-index layer is a polymer having a phosphoric acid group or a sulfonic acid group, as the anionic group.

16. (Original) The anti-reflection film as claimed in claim 14, wherein the polymer having an anionic group in the said high-refractive-index layer further has an amino group or an ammonium group.

17. (Original) The anti-reflection film as claimed in claim 14, wherein the inorganic fine particles of the high-refractive-index layer have a refractive index of 1.80 to 2.80.

18. (Original) The anti-reflection film as claimed in claim 14, wherein the polymer having an anionic group is a polymer formed by crosslinking reaction or polymerization reaction simultaneously with or after coating the high-refractive-index layer.

19. (Original) The anti-reflection film as claimed in claim 14, wherein the high-refractive-index layer comprises inorganic fine particles having an average particle size of 1 to 200 nm and having a core/shell structure.

20. (Original) The anti-reflection film as claimed in claim 1 or 11, wherein an over coat layer containing a fluorine-containing compound is laminated on the low-refractive-index layer.

21. (Original) The anti-reflection film as claimed in claim 20, wherein the occupation ratio of materials for the over coat layer is less than 70% by volume of the voids in the low-refractive-index layer.

22. (Original) The anti-reflection film as claimed in claim 20, wherein the weight-average molecular weight of the fluorine-containing compound forming the over coat layer is 20,000 to 2,000,000, and wherein low molecular weight components, having

a molecular weight less than 20,000, which are other than the fluorine-containing compound, is 50% or less by weight in the solid content of the over coat layer.

23. (Original) The anti-reflection film as claimed in claim 20, wherein the fluorine-containing compound is a fluoropolymer, which is a polymer formed by crosslinking reaction or polymerization reaction, simultaneously with or after the coating of the over coat layer.

24. (Original) An image display device equipped with the anti-reflection film as claimed in claim 1 or 11 on an image display surface.

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